

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|--------------------------|------------------------------------|------------------|-----------------------|
| Applicants: | Kevin Jeffrey Barnham et al. | Examiner: | D. Margaret M. Seaman |
| Serial No.: | 10/521,902 | Filed: | August 10, 2005 |
| Patent No.: | 7,619,091 | Granted: | November 17, 2009 |
| For: | 8-HYDROXY QUINOLINE DERIVATIVES | Docket: | 18583 |
| Confirmation No.: | 7111 | Dated: | December 13, 2010 |

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF CORRECTION REQUEST UNDER 37 C.F.R. §1.322


Sir :

Patentees request that that claim 1 should be corrected per the attached claim amendment and request a Certificate of Correction to issue. The error in the claim 1 arose from the transmission of claim 1 that was presented as an Examiner's Amendment in the Notice of Allowability dated August 26, 2009, which inadvertently omitted the definitions of R¹³ and R¹⁴. The definition of R¹³ and R¹⁴ was recited in original claim 1, lines 20-22 and is described on page 6, lines 1-5 of the instant specification.

CERTIFICATION OF ELECTRONIC FILING


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Dated: December 13, 2010


Mark J. Cohen

The issuance of a Certificate of Correction is respectfully requested.

Respectfully submitted,



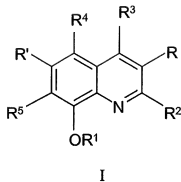
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MJC:ae
Enclosed: claim 1 amended

Claim 1:

1. A compound of the formula



or pharmaceutically acceptable salts, thereof in which

R¹ is H;

R² is; optionally substituted phenyl; optionally substituted naphthyl; optionally substituted tetrahydronaphthyl; optionally substituted biphenyl; optionally substituted heterocyclyl; COR⁶; CSR⁶; CN; (CH₂)NR⁹R¹⁰; HCNOR⁹; HCNNR⁹R¹⁰; OR¹¹; SR¹¹; NR¹¹R¹² or SO₂NR¹³R¹⁴; in which R¹³ and R¹⁴ are either the same or different and selected from H, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted aryl or optionally substituted heterocyclyl; and

R⁶ is H, C₁₋₆ alkyl, optionally substituted C₂₋₆ alkenyl, hydroxy, optionally substituted aryl, optionally substituted heterocyclyl, SR⁷ or NR⁷R⁸;

R⁷ and R⁸ are either the same or different and selected from H, optionally substituted C₁₋₆ alkyl, optionally substituted C₂₋₆ alkenyl, optionally substituted aryl and optionally substituted heterocyclyl;

R^9 is H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R^{10} is hydrogen, methyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, pentyl, neopentyl, hexyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R^{11} is H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R^{12} form optionally substituted heterocyclyl;

R^{12} is optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R^{11} form optionally substituted heterocyclyl;

R^3 , R and R' are either the same or different and selected from H, optionally substituted C_{1-6} alkyl, optionally substituted C_{2-6} alkenyl, optionally substituted C_{1-6} alkoxy, optionally substituted acyl, hydroxy, optionally substituted amino, optionally substituted thio, optionally substituted sulphonyl, optionally substituted sulphinyl, optionally substituted sulphonylamino, halo, SO_3H , amine, CN, CF_3 , optionally substituted aryl and optionally substituted heterocyclyl; and

R^4 and R^5 are chloro,

wherein the optional substituent is C_{1-6} alkyl, CF_3 , fluorine, chlorine, iodine, cyano, C_{1-6} alkoxy, 5 or 6-membered aryl, heteroaryl, amino or C_{1-6} alkylamino.

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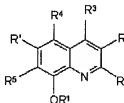
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PATENT NO. : 7,619,091
APPLICATION NO.: 10/521,902
ISSUE DATE : November 17, 2009
INVENTOR(S) : Kevin Jeffrey Barnham et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1 should be corrected as follows:

1. A compound of the formula



I

or pharmaceutically acceptable salts, thereof in which

R¹ is H;

R² is; optionally substituted phenyl; optionally substituted naphthyl; optionally substituted tetrahydronaphthyl; optionally substituted biphenyl; optionally substituted heterocyclyl; COR₆; CSR₆; CN; (CH₂)NR₉R₁₀; HCNOR₉; HCNNR₉R₁₀; OR₁₁; SR₁₁; NR₁₁R₁₂ or SO₂NR₁₃R₁₄; in which R₁₃ and R₁₄ are either the same or different and selected from H, optionally substituted alkyl, optionally substituted alkenyl, optionally substituted aryl or optionally substituted heterocyclyl; and

R₆ is H, C₁-6 alkyl, optionally substituted C₂-6 alkenyl, hydroxy, optionally substituted aryl, optionally substituted heterocyclyl, SR₇ or NR₇R₈;

R₇ and R₈ are either the same or different and selected from H, optionally substituted C₁-6 alkyl, optionally substituted C₂-6 alkenyl, optionally substituted aryl and optionally substituted heterocyclyl;

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CERTIFICATE OF CORRECTIONPage 2 of 2

PATENT NO. : 7,619,091

APPLICATION NO.: 10/521,902

ISSUE DATE : November 17, 2009

INVENTOR(S) : Ken Jeffrey Barnham et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Claim 1 continued

R9 is H, optionally substituted C1-6 alkyl, optionally substituted C2-6 alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R10 is hydrogen, methyl, propyl, isopropyl, butyl, isobutyl, sec-butyl, tert-butyl, pentyl, neopentyl, hexyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl,

optionally substituted C2-6 alkenyl, optionally substituted aryl or optionally substituted heterocyclyl;

R11 is H, optionally substituted C1-6 alkyl, optionally substituted C2-6 alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R12 form optionally substituted heterocyclyl;

R12 is optionally substituted C 1-6 alkyl, optionally substituted C2-6 alkenyl, optionally substituted aryl or optionally substituted heterocyclyl or together with R11 form optionally substituted heterocyclyl;

R3, R and R' are either the same or different and selected from H, optionally substituted C1-6 alkyl, optionally substituted C2-6 alkenyl, optionally substituted C1-6 alkoxy, optionally substituted acyl, hydroxy, optionally substituted amino, optionally substituted thio, optionally substituted sulphonyl, optionally substituted sulphinyl, optionally substituted sulphonylamino, halo, SO3H, amine, CN, CF3, optionally substituted aryl and optionally substituted heterocyclyl; and

R4 and R5 are chloro,

wherein the optional substituent is C1-6 alkyl, CF3, fluorine, chlorine, iodine, cyano, C1-6 alkoxy, 5 or 6-membered aryl, heteroaryl, amino or C1-6 alkylamino.

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